SYNAPS TECHNOLOGY

LF24W – High Efficiency LED Fire Alarm Panel

- **Power Supply: 18V-30V**
- **Sound power 92 dB(A) @ 1m**
- **High Efficiency LED**
- **High Sound Level Buzzer**
- **Selectable Buzzer**
- **New Design, Less Thick**
- **Wall Mounting**
- **EN54-23 W-4,6-9,1 e O-4,6-9,1-9,9 (see next page) with synchro and EN 54-3:2001 + A1:2002 + A2:2006**

LF24W is an audio/visual warning panel, available in different models and suited for any emergency situation such as fire, flooding, gas leaks, etc., where visual and audio information is needed. Its special design, very pleasant is particularly suited for hotels, shops, malls and cinemas.

Technology and Design

LF24W has an optical section provided with a synchronization function, and realized with a LED and lens that grants a high efficiency value, thanks to which it satisfies the new standards of the norm EN 54-23 with a high range covering while maintaining low power consumption.

A special light diffuser guarantees the uniform lighting of the panel's label. A high sound level buzzer ensures an efficient acoustic warning in case of alarm, granting the compliance to the norm UNI EN54-3.

The label inside the panel is provided with the standard sentence "FIRE ALARM", but labels with different messages and languages are available as accessory. Thin and special design make **LF24W** warning panel unique for technology and efficiency.

Thickness 14mm

CE
0370

General Specifications

Product code	LF24W (Wall mount model)
Material	ABS + PMMA
Installation	Wall mount
Nominal Voltage:	24 Vd.c.
Absorption	50mA
Mounting height	4,6m
Code (square base)	W-4,6-9,1*
Code (rectangular base)	O-4,6-9,1-9,9*
Type of connection	Clamp
Dimensions with backbox	292x130x55mm (L x H x P)

Flash light color	White
Operating temperature	Da -10°C a +55°C
Optical specifications	Flashing frequency 1Hz
Sound power (min)	79 dB(A) @ 1m
Sound power (max)	92,3 dB(A) @ 1m
Buzzer frequency	2,8Khz
Sound model	Pulsed, 1Hz (500ms on, 500ms off)
Protection Class	IP21C**

* See illustrations in the next page

**Using conduits DX54216, DX43220 o GW52004

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Assembly instructions

- Make four holes into the wall to fit the holders (1, fig 2)
- Fix the mounting box with the four screws (2, fig 2)
- Connect the power supply to the terminals (Figure 1)
- If the sounder is not needed, connect jumper SILENT (Figure 2)
- Fix the central part to the mounting box with the four screws (3, fig 2)
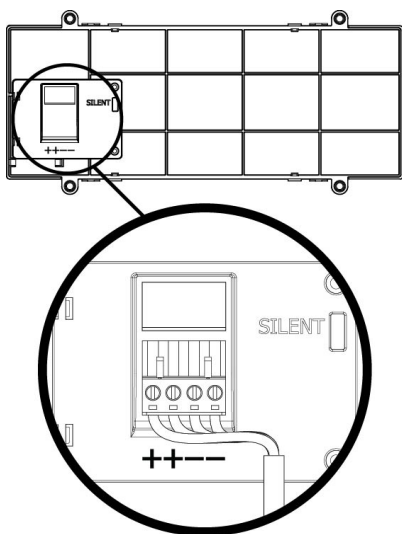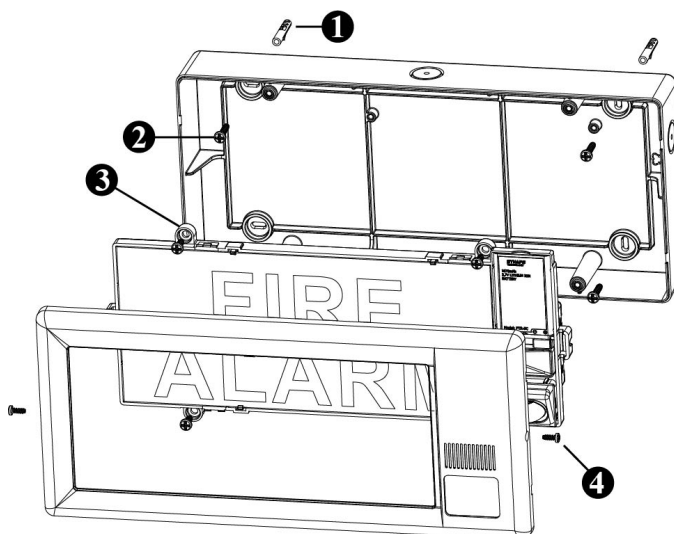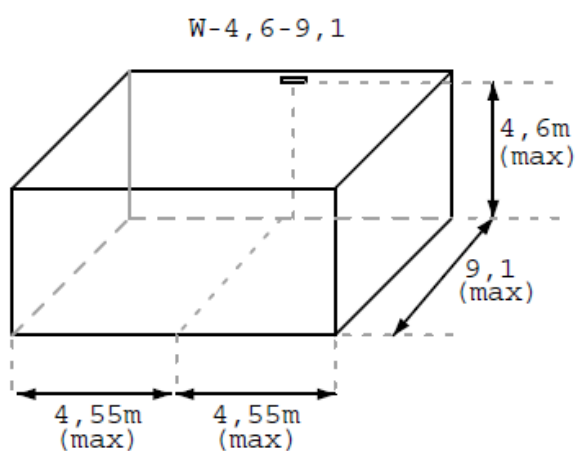- Hook the cover and screw it (4, fig 2)

Figure 1

Figure 2

Volumes of coverage

Square base

Rectangular base

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